



## South Coast Air Quality Management District

### Engineering & Compliance

*Policies &  
Procedures*

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#### **SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT ENGINEERING DIVISION**

**DATE:** August 3, 1990  
**TO:** General Coatings Unit  
**FROM:** Fred Lettice, Supervising A.Q. Engineer /s/ by SMKE for FEL  
**SUBJECT:** Permit Requirements for Screen Printing Operations

Rule 219(h)(1) exempts "printing ... equipment without dryers not using more than 2 gallons of graphic arts material per day." This memo is to clarify how this applies to screen printing operations. "Printing equipment without dryers" will be interpreted as printing presses that are not physically connected to the drying equipment. In general, presses without physically connected dryers will be exempt if their usage of graphic arts material is less than or equal to 2 gallons per day. In addition, all manually operated presses regardless of graphic arts material usage will be exempt.

#### SCREEN PRINTING SYSTEM WITH PHYSICALLY ATTACHED DRYER

Screen printing systems which do not have a physical break between the printing equipment and the drying equipment shall be considered one permit unit (consistent with lithographic printing system permit units) and shall require a permit regardless of their graphic arts usage.

#### SCREEN PRINTING PRESS WITHOUT PHYSICALLY ATTACHED DRYER

Screen printing presses which are either physically separated from their associated ovens or do not have an associated oven (cold set) shall require a permit if their usage of graphic arts material is greater than 2 gallons per day. The oven shall require a separate permit (even if the press is exempt) unless the oven is exempt by Rule 219(l)(11).

#### MANUAL SCREEN PRINTING OPERATIONS

Manual screen printing operations typically consist of a table, sponge or squeegee type device, screen, and the operator. We have historically exempted hand operated equipment such as paintbrushes, hand rollers, and stencils from permit requirements. Therefore, manually operated screen printing operations regardless of the graphic arts material usage shall be excluded from the written permit requirement at this time.

It is important to remember that equipment exempt from permit requirements must still comply with the applicable rules including Rule 442 (currently), Rule 1130 after 12/31/92, or future Rule 1130.1.

Emissions from manually operated screen printing operations and exempt screen printing presses will be limited by imposing usage conditions or emission limits on associated oven permits, if applicable.

SMKE.FEL

cc: Dave Schwien  
Pang Mueller  
Larry Bowen  
Tran Vo